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(54) Title: PHARMACEUTICAL COMPOSITION CONTAINING 3-GUANIDINOPROPIONIC ACID AND PIOGLITAZONE GLIBENCLAMIDE OR GLIMEPIRIDE

(57) Abstract

The present invention provides a new composition, food product and uses for a known compound. More particularly, the present invention provides a new pharmaceutical composition containing 3-guanidinopropionic acid and a method of using 3-guanidinopropionic acid to prevent or treat obesity in non-insulin dependent diabetic (NIDDM) patients that is caused by treatment with anti-diabetic drugs, such as an insulin sensitizing drug or an insulin secretion stimulating drug. Examples of insulin sensitizing drugs are pioglitazone and pioglitazone hydrochloride. Examples of insulin secretion stimulating drugs are glyburide and glimepiride. The present invention also provides a new food product containing 3-guanidinopropionic acid and a method of using 3-guanidinopropionic acid to increase endurance, stamina and exercise capacity.